



StationGuard
Removable Bar Screen
Engineering Specifications
March 13, 2013

1.0 SCREEN

- A. There shall be a manually cleaned, removable bar screen installed at all influent pipe openings in the lift station.

1.1 REMOVABLE BAR SCREEN

- A. The bar screen shall be a removable screening unit fabricated with a lifting handle integral to the unit. Screening basket shall be capable of being removed from the station/basin for cleaning without entry into lift station.
- B. It shall consist of a mounting collar made of non-corrosive, non-conductive materials (schedule 80 PVC and Type 305 stainless steel) and a screening basket made of non-corrosive, non-conductive materials (schedule 80 PVC, ABS , and type 305 stainless steel).
- C. Removable bar screen shall be adjustable. 4"-10" Unit shall be fitted with adjustable "bars" allowing for adjustable width (1/2"-1") openings for wastewater screening. 12"-20" Unit shall have adjustable bars widths (3/4"-1.5").
- D. Mounting collar shall be able to mount to influent pipe or wall.
- E. The unit shall be sized based on influent pipe size. The screening unit(s) shall be sized for (4", 6", 8", 10", 12", 14", 16", 18", 20" pipes).
- F. Removable Bar Screens shall have the following maximum weights:

4"	15 lbs	12"	25lbs
6"	15 lbs	14"	25lbs
8"	15 lbs	16"	25lbs
10"	15 lbs	18"	25lbs
		20"	25lbs

- G. One J –Hook with threads for connection to customer supplied extension pole to be supplied.
- H. Removable bar screen(s) shall be StationGuard as manufactured by REE, Inc. or approved equal.